

ABSTRACT OF THE DISCLOSURE

A device and method are disclosed for protecting a wireless communication system from impulse surges occurring in the system under the impact of lightning discharges. The device includes a high frequency line, and a first decoupling filter
5 formed as a $\lambda/4$ section and a gas arrestor, sequentially connected to the high frequency line, in which the gas arrestor is connected between the first decoupling filter and the ground. A low frequency line and a second decoupling filter are connected in series between an output terminal, through which a signal flows into a circuit, and a contact point between the first decoupling filter and the gas arrestor.
10 The low frequency line includes a low voltage limiter and a low pass filter. A T-shaped high pass filter is connected to the high frequency line.